Project Name/Location:					Contract Nu	ımber: W9127N-05-	-C-0012	
Columbia River Channel Improvement - RM 11+10 to 12+40, Flavel								
Date: 08/02					John Cannon con			
Dredging	Sample Point	. ,	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)	
Load Number	DR-1	21.8	8:20:01	7345785.06	938500.90	4.5		
602	DR-2	20.0	8:21:22	7345390.49	938663.44	47.7	8.9	
<u>Tidal Stage</u>	DR-2R1	20.8	8:21:28	7345386.27	938663.62	42.5	8.6	
Ebb	DR-4	20.8	8:23:44	7344885.80	938617.67	6.6		
Dredge State:	DR-3	20.5	8:29:02	7346792.10	938233.65	27.0		
No overflow	DR-3R1	20.5	8:29:06	7346787.89	938233.83	21.1		
Weather:								
Clear								
Wind:								
5-10 kts								
Seas:								
1'-2'								
Disposal location								
Columbia River DWS								
Remarks: Action Taken:								
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 wa	s taken.			
DR-4 taken out of the plume.								
DR-3 exceeded 5 NTU over background, taken out of the plume,				Re-test DR-3R1 was taken.				
on starboard side.			The dredge moved away from the area while continuing dredging.					
					_			
Sample Point Key	All Tests Cond	ucted With Y	SI 6600			Turbidity Compliance	DO Compliance	
DR-1	Background - 100' Up Current, Within 600-Foot of Channel							
DR-2	100' Down Current					OR	OR, WA	
DR-3	300' Radially from point of dredge (Port or Starboard)					WA	Not Required	
DR-4	900' Down Current from point of dredging					WA	Not Required	
Rx	Indicates a Re-	Test where (x)	is the Re-Te	st number for that pa	rticular point			
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Project Name/Location: Contract \(\bar{\chi}\)				Contract Nu	Number: W9127N-05-C-0012				
Columbia River Channel Improvement - RM 11+10 to 12+40, Flavel									
Date: 08/02					John Cannon cont				
Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)		
Load Number	DR-1	20.5	12:36:37	7345835.20	938285.87	2.8			
603	DR-2	19.7	12:37:53	7346151.48	938473.39	21.8	8.0		
Tidal Stage	DR-2R1	19.9	12:37:56	7346159.92	938473.04	20.8	8.2		
Flood	DR-4	19.8	12:39:19	7346796.02	938428.17	23.8			
Dredge State:	DR-4R1	20.0	12:39:24	7346796.02	938428.17	16.8			
No overflow	DR-3	18.6	12:41:59	7345417.76	938406.78	13.7			
NO overnow	DR-3R1	18.7	12:42:03	7345421.72	938400.53	10.7			
Weather:									
Clear									
Wind:									
5-15 kts									
Seas:									
1'-2'									
Disposal location									
Columbia River DWS									
Remarks: Action Taken:									
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 wa	Re-test DR-2R1 was taken.				
DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.					
DR-3 exceeded 5 NTU over background, taken out of the plume,				Re-test DR-3R1 was taken.					
on port side.			The dredge moved away from the area while continuing dredging.						
						_			
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance		
DR-1	Background - 100' Up Current, Within 600-Foot of Channel								
DR-2	100' Down Current					OR	OR, WA		
DR-3	300' Radially from point of dredge (Port or Starboard)				WA	Not Required			
DR-4	900' Down Current from point of dredging					WA	Not Required		
		·					·		
Rx	Indicates a Re-1	Test where (x)	is the Re-Te	st number for that pa	rticular point				
	ı	· /		'	·				

DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 100' Down Current DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging WA Not Required	Project Name/Location: Contract				Contract Nu	Number: W9127N-05-C-0012			
Dredging Load Number DR-1 17.2 17:16:55 734:3129.03 938034.37 2.1	Columbia River Channel Improvement - RM 11+10 to 12+40, Flavel								
Load Number 604									
DR-2	Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)	
DR-2R1	Load Number	DR-1	17.2	17:16:55	7343129.03	938034.37	2.1		
DR-4	604	DR-2	19.4	17:18:52	7342363.31	938212.56	4.1	9.5	
Dredge State: No overflow DR-4R1 21.1 17:20:13 7341867.03 938367.28 13.9 DR-3 18.7 17:21:49 7342722.58 938215.71 2.2	Tidal Stage	DR-2R1	19.3	17:18:57	7342350.40	938207.02	3.4	9.3	
No overflow Weather: Clear Wind: 5-15 kts Seas: 1'-4' Disposal location Columbia River DWS Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. The dredge moved away from the area while continuing dredging. Sample Point Key All Tests Conducted With YSI 6600 DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging WA Not Required DR-4 900' Down Current from point of dredging WA Not Required	Ebb	DR-4	21.1	17:20:07	7341867.03	938367.28	20.5		
Weather: Clear Wind: 5-15 kts Seas: 1'-4' Disposal location Columbia River DWS Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. The dredge moved away from the area while continuing dredging. Sample Point Key All Tests Conducted With YSI 6600 Turbidity Compliance DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging WA Not Required	Dredge State:	DR-4R1	21.1	17:20:13	7341867.03	938367.28	13.9		
Clear Wind: 5-15 kts Seas: 1'-4' Disposal location Columbia River DWS Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. Sample Point Key DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 DR-3 DR-3 DR-3 DR-3 DR-3 DR-3 DR-4 DR-3 DR-4 DR-4 DR-4 DR-3 DR-4 DR-6 DR-1 DR-1 DR-1 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-2 DR-3 DR-3 DR-3 DR-3 DR-3 DR-3 DR-3 DR-4 DR-4 DR-4 DR-4 DR-6 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7	No overflow	DR-3	18.7	17:21:49	7342722.58	938215.71	2.2		
Clear Wind: 5-15 kts Seas: 1'-4' Disposal location Columbia River DWS Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. Sample Point Key DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 DR-3 DR-3 DR-3 DR-3 DR-3 DR-3 DR-4 DR-3 DR-4 DR-4 DR-4 DR-3 DR-4 DR-6 DR-1 DR-1 DR-1 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-2 DR-3 DR-3 DR-3 DR-3 DR-3 DR-3 DR-3 DR-4 DR-4 DR-4 DR-4 DR-6 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7	Weather:								
Seas: 1'-4' Disposal location Columbia River DWS Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. Sample Point Key All Tests Conducted With YSI 6600 DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 DR-3 DR-3 DR-3 DR-3 DR-3 DR-3 DR-3 DR-3									
Seas: 1'-4' Disposal location Columbia River DWS Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. Sample Point Key DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 DR-3 DR-3 DR-3 DR-3 DR-4 DR-3 DR-4 DR-4 DR-4 DR-4 DR-6 DR-1 DR-1 DR-1 DR-1 DR-1 DR-1 DR-2 DR-2 DR-1 DR-2 DR-2 DR-1 DR-2 DR-3 DR-3 DR-3 DR-3 DR-4 DR-3 DR-4 DR-4 DR-4 DR-6 DR-6 DR-6 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7	Wind:								
1'-4' Disposal location Columbia River DWS Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. Sample Point Key DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 DR-3 DR-3 DR-3 DR-3 DR-4 DR-3 DR-4 DR-4 DR-4 DR-4 DR-6 DR-1 DR-1 DR-1 DR-1 DR-1 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-2 DR-1 DR-3 DR-3 DR-3 DR-3 DR-3 DR-4 DR-3 DR-4 DR-4 DR-4 DR-6 DR-6 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7	The state of the s								
1'-4' Disposal location Columbia River DWS Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. Sample Point Key DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 DR-3 DR-3 DR-3 DR-3 DR-4 DR-3 DR-4 DR-4 DR-4 DR-4 DR-6 DR-1 DR-1 DR-1 DR-1 DR-1 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-1 DR-2 DR-2 DR-1 DR-3 DR-3 DR-3 DR-3 DR-3 DR-4 DR-3 DR-4 DR-4 DR-4 DR-6 DR-6 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7 DR-7	Seas:								
Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. Sample Point Key DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 DR-3 DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 Patient Taken: Re-test DR-2R1 was taken. Re-test DR-4R1 was taken. The dredge moved away from the area while continuing dredging. DO Compliance DO Compliance DO Compliance DO Compliance DR-1 DR-2 100' Down Current OR OR, WA Not Required Not Required Not Required Not Required									
Remarks: DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. The dredge moved away from the area while continuing dredging. Sample Point Key All Tests Conducted With YSI 6600 DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 100' Down Current DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging Not Required Not Required	Disposal location								
DR-2 exceeded 10% over background, taken in the plume. DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. The dredge moved away from the area while continuing dredging. Sample Point Key All Tests Conducted With YSI 6600 DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 100' Down Current DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging Re-test DR-2R1 was taken. Re-test DR-2R1 was taken. Re-test DR-2R1 was taken. Re-test DR-2R1 was taken. Turbidity Compliance DO Compliance DO Compliance DR OR, WA Not Required Not Required Not Required	Columbia River DWS								
DR-4 exceeded 5 NTU over background, taken in the plume. DR-3 taken out of the plume on starboard side. The dredge moved away from the area while continuing dredging. Sample Point Key All Tests Conducted With YSI 6600 DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 100' Down Current DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging Re-test DR-4R1 was taken. Turbidity Compliance DO Compliance DO Compliance DO Compliance WA Not Required Not Required WA Not Required	Remarks: Action Taken:								
DR-3 taken out of the plume on starboard side. The dredge moved away from the area while continuing dredging. Sample Point Key All Tests Conducted With YSI 6600 DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 100' Down Current DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging WA Not Required	DR-2 exceeded 10% over background, taken in the plume.								
Sample Point Key All Tests Conducted With YSI 6600 Turbidity Compliance DO Compliance DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 100' Down Current DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging Turbidity Compliance DO Compliance DR OR, WA Not Required Not Required Not Required	DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was taken.				
Sample Point KeyAll Tests Conducted With YSI 6600Turbidity ComplianceDO ComplianceDR-1Background - 100' Up Current, Within 600-Foot of ChannelOROR, WADR-2100' Down CurrentOROR, WADR-3300' Radially from point of dredge (Port or Starboard)WANot RequiredDR-4900' Down Current from point of dredgingWANot Required	DR-3 taken out of the plume on starboard side.								
DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 100' Down Current DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging WA Not Required Not Required					The dredge moved away from the area while continuing dredging.				
DR-1 Background - 100' Up Current, Within 600-Foot of Channel DR-2 100' Down Current DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging WA Not Required Not Required									
DR-2 100' Down Current DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging WA Not Required Not Required	Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance	
DR-3 300' Radially from point of dredge (Port or Starboard) DR-4 900' Down Current from point of dredging WA Not Required Not Required		Background - 100' Up Current, Within 600-Foot of Channel							
DR-4 900' Down Current from point of dredging WA Not Required								,	
								Not Required	
Rx Indicates a Re-Test where (x) is the Re-Test number for that particular point	DR-4	900' Down Current from point of dredging					WA	Not Required	
Rx Indicates a Re-Test where (x) is the Re-Test number for that particular point									
indicated a No Foot Whole (A) to the No Foot Humber for that particular point	Rx	Indicates a Re-1	est where (x)	is the Re-Te	st number for that pa	rticular point			